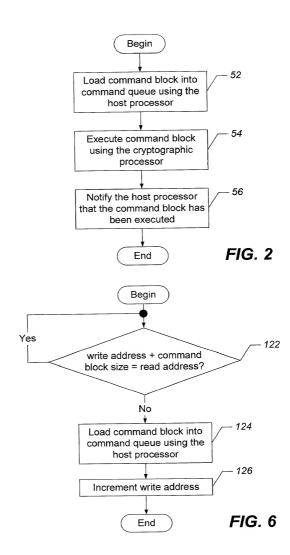


FIG. 1



Random Number

Generator

28

28

62

RN Data Queue Base Address Register

64

RN Data Queue Size Register

------
RN Data Queue Pointer Register

68

RN Data Queue Pointer Register

72

Write Pointer

FIG. 3

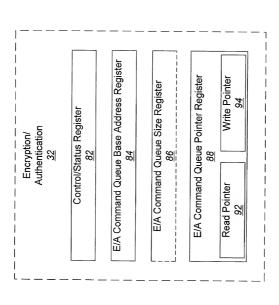
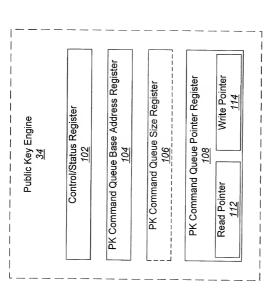


FIG. 4



F/G. 5

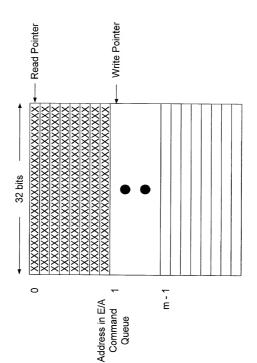


FIG. 7

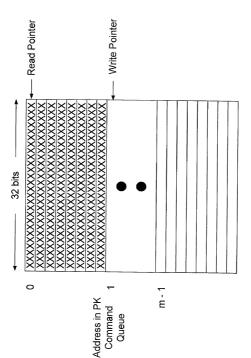
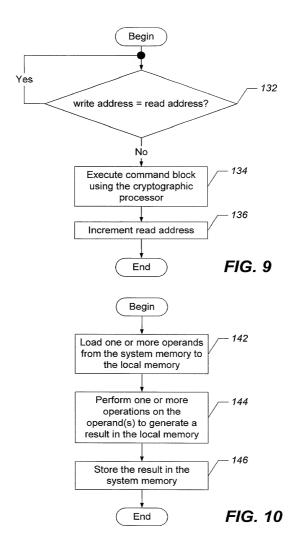


FIG. 8



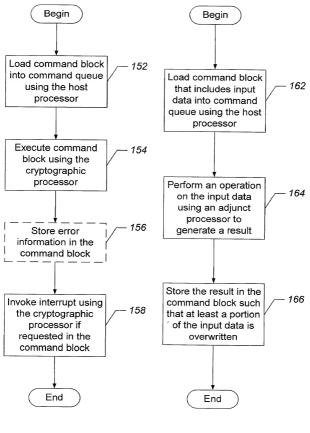


FIG. 11

FIG. 13

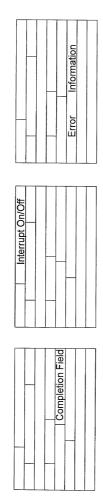


FIG. 12B

FIG. 12A

FIG. 12C

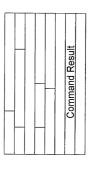


FIG. 12D

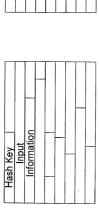


FIG. 14A

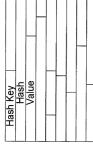
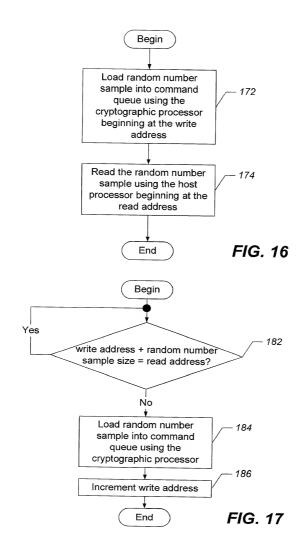


FIG. 14B



FIG. 15



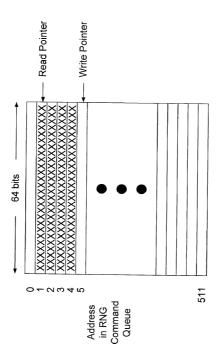
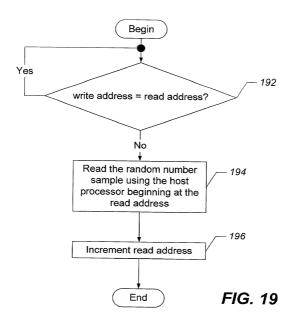
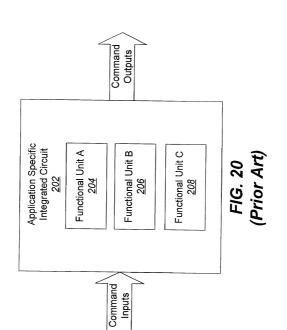


FIG. 18





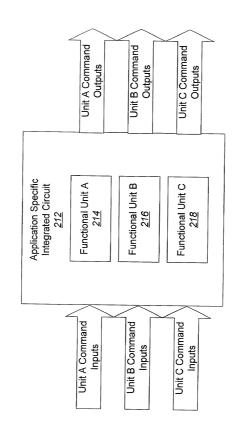


FIG. 21

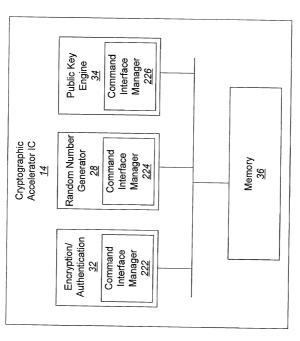


FIG. 22

